



# Forest Insect & Disease Management

Report No.  
80-3-27  
Issued on: 6/17/80

## AERIAL DETECTION SURVEY OF FOREST INSECT AND DISEASE ACTIVITY, KISATCHIE NATIONAL FOREST

LAND OWNERSHIP OR SURVEY AREA: **Kisatchie National Forest**

STATE: **Louisiana**

AREA WITHIN SURVEY BOUNDARY: 1,022,703 acres

DATE: 5/29/80, 6/9/80, 6/10/80

PERCENT COVERAGE: 50%

AIRCRAFT: Cessna 182

CREW: Robert Bassett, Wes Nettleton, Erick Vallery

REPORT PREPARED BY: Robert Bassett

### SURVEY OBJECTIVES

Detection of pine mortality resulting from southern pine beetle damage (SPB).

### SURVEY RESULTS

Damage caused by the SPB appeared from the air to be at a low level, see Table 1. The only multiple tree spot over five trees in size was located on the Vernon Ranger District, see Figure 1.

### CONCLUSIONS

Activity from southern pine beetles appears low at present. Personnel from the Alexandria FI&DM Office will ground check to determine if any green infested trees are adjoining some of the small spots located from the air. The 25 tree spot located on the Vernon Ranger District will also be ground checked.

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For additional information, contact:

U.S. Forest Service FIDM  
3620 Interstate 85, N.E.  
Northgate Office Park, Room 2103 or  
Doraville, GA 30340  
Phone: 404/221-4796

U.S. Forest Service FIDM  
2500 Shreveport Hwy.  
Pineville, LA 71360  
Phone: 318/473-7280

Table 1: Summary of aerial survey data - southern pine beetle evaluation, Kisatchie National Forest, Catahoula, Winn, Kisatchie, Vernon, Evangeline, and Caney Ranger Districts, 5/29/80, 6/9/80, 6/10/80, 1980.

Ownership <u>1/</u>	Singles	Infestation Size (# Trees)							
		2-5		6-20		21-50		51+	
		Spots:Trees		Spots:Trees		Spots:Trees		Spots:Trees	
Catahoula RD	10	4	13	0	0	0	0	0	0
Winn RD	5	1	3	0	0	0	0	0	0
Kisatchie RD	7	5	14	0	0	0	0	0	0
Vernon RD	5	1	2	0	0	1	25	0	0
Evangeline RD	15	8	22	0	0	0	0	0	0
Caney RD	6	1	3	0	0	0	0	0	0

1/ National Forest Only



